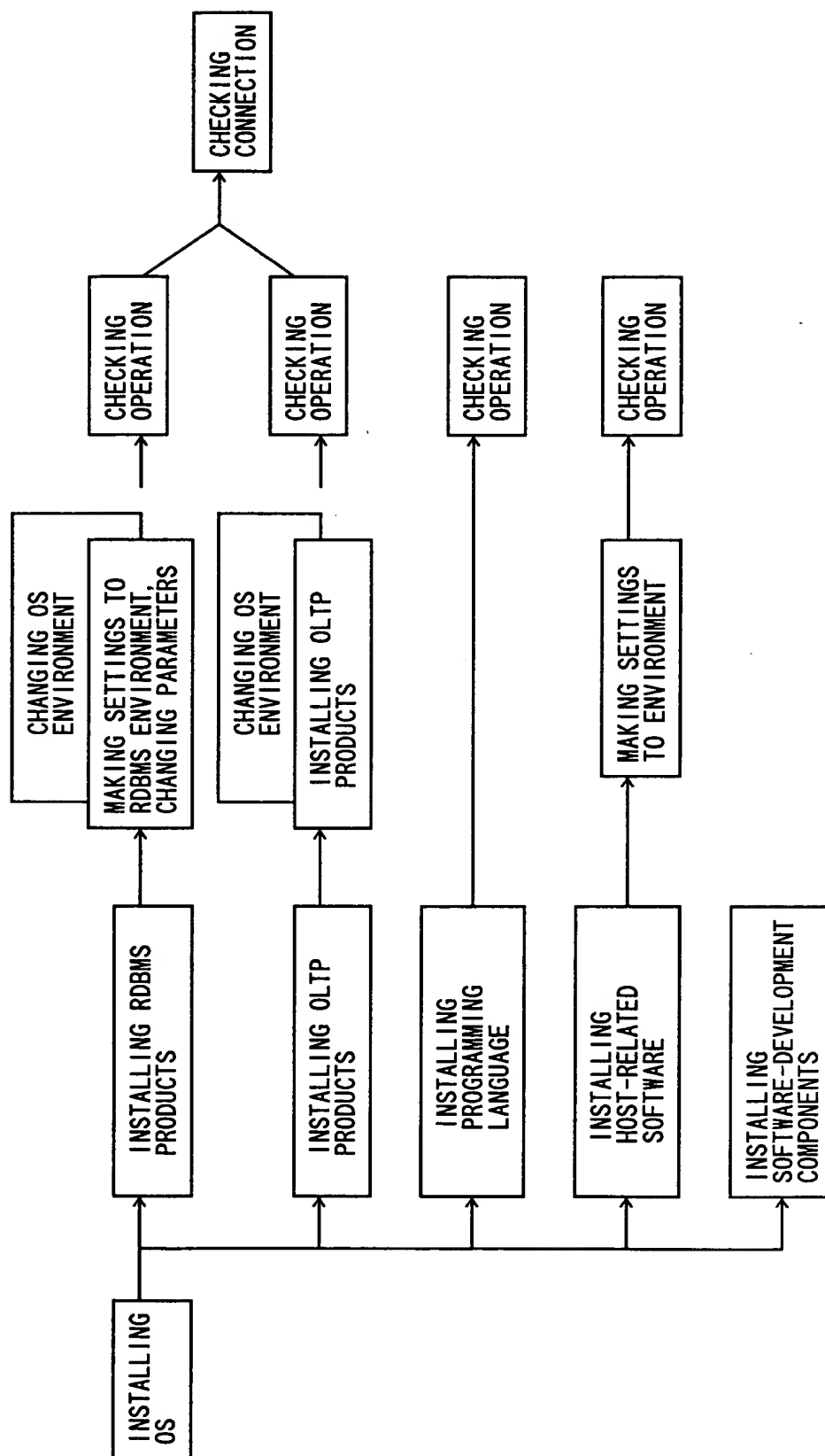


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FIG. 1



SECRET

FIG. 2

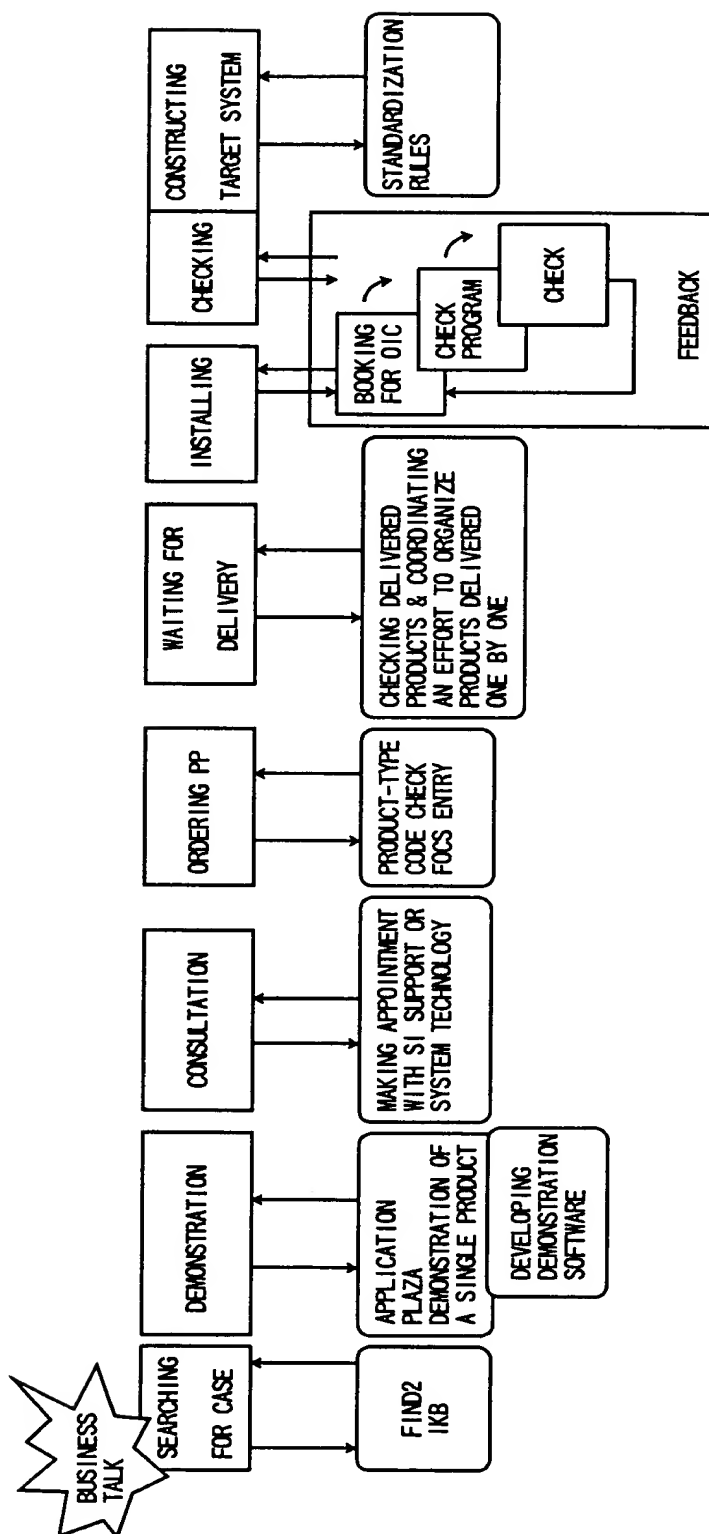
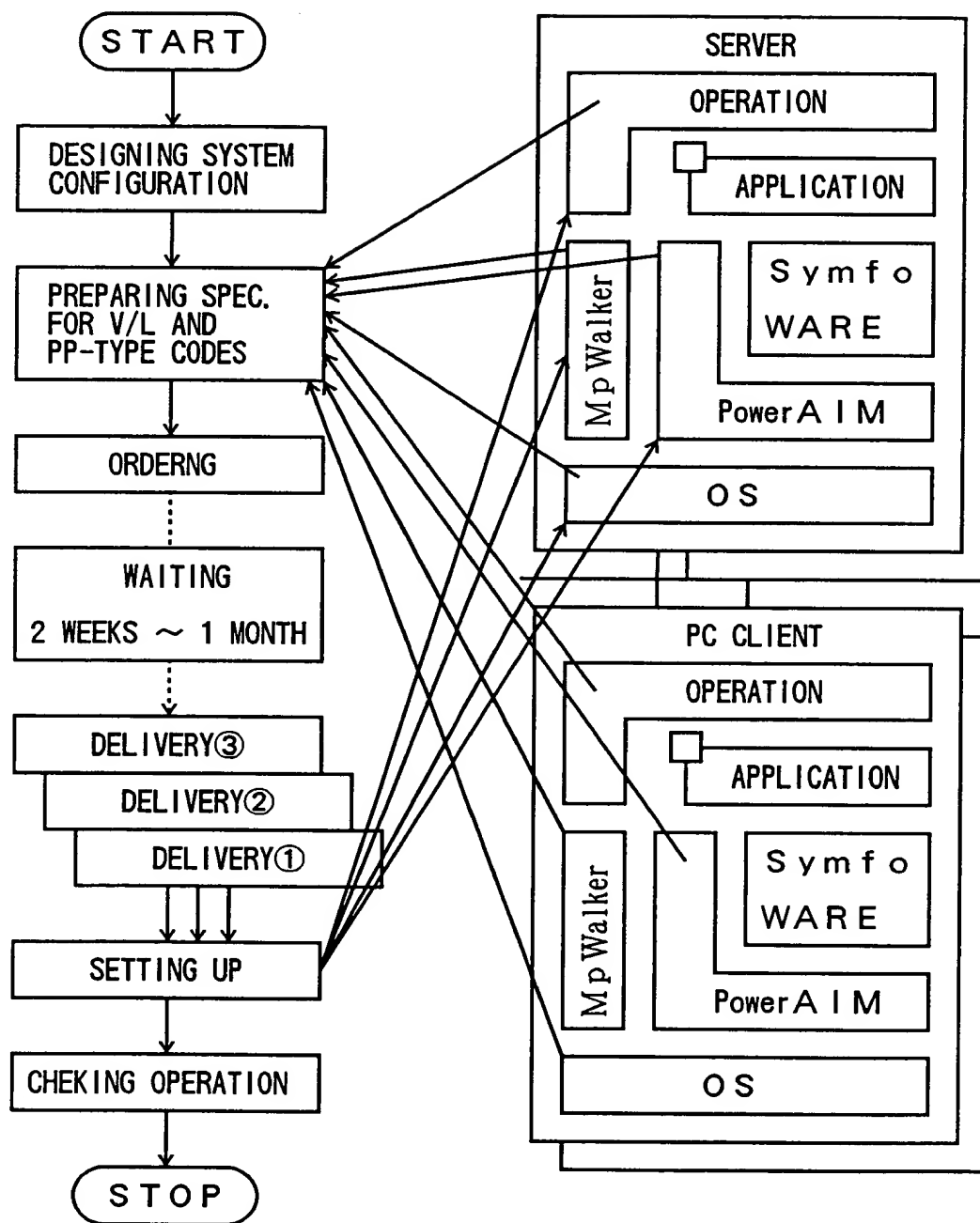


FIG. 3



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2001 2001 2001 2001

FIG. 4

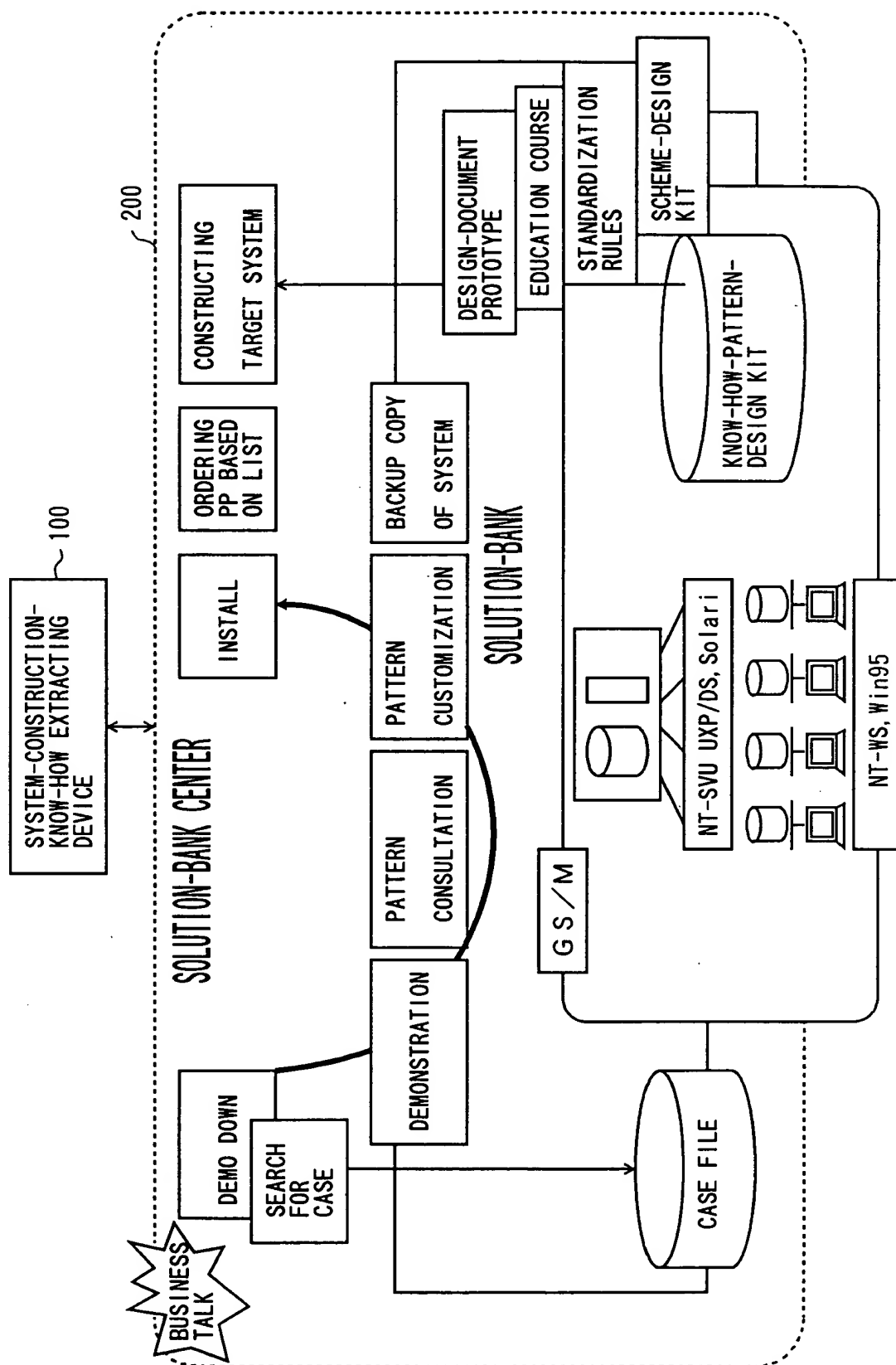


FIG. 5

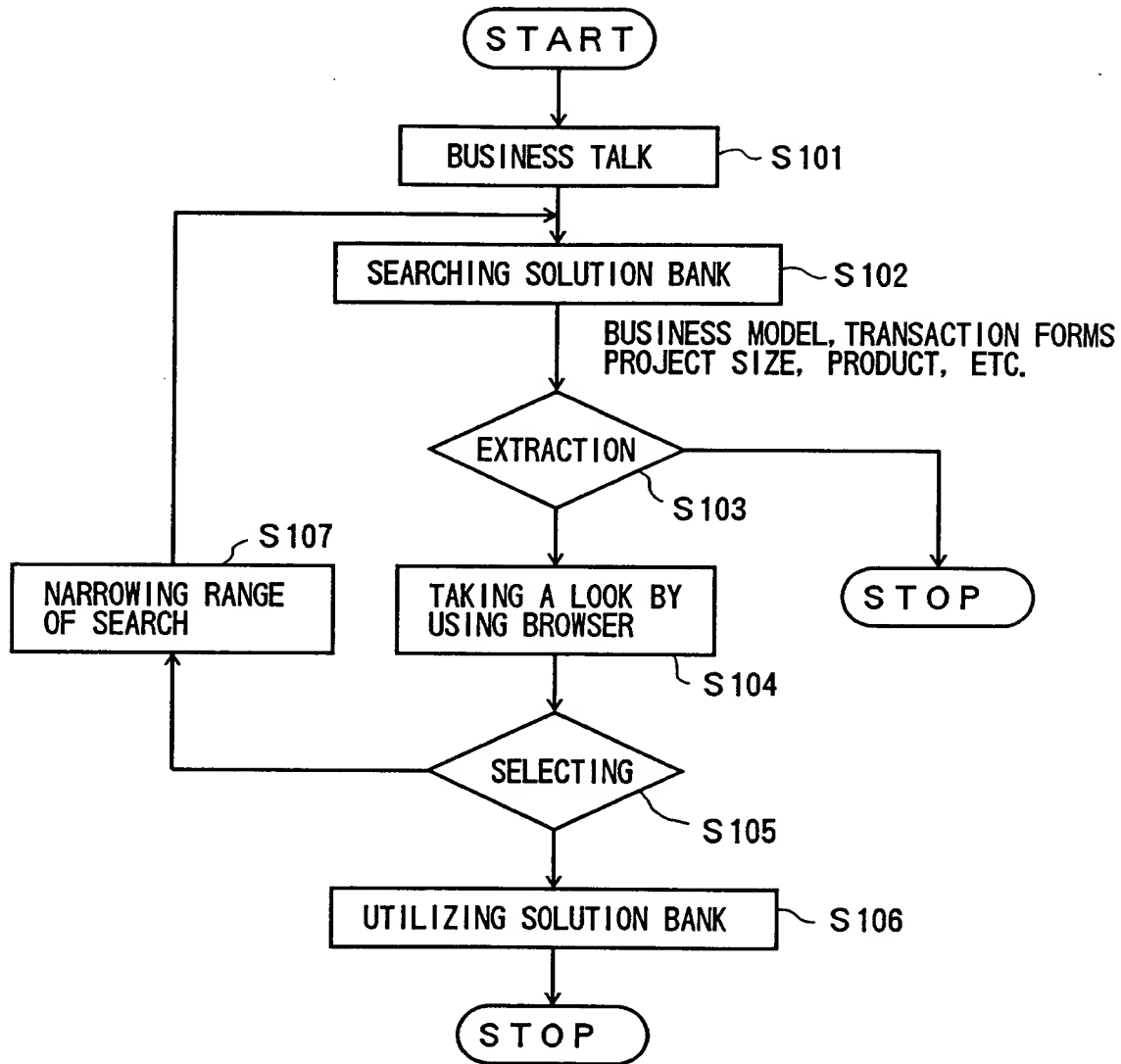


FIG. 7

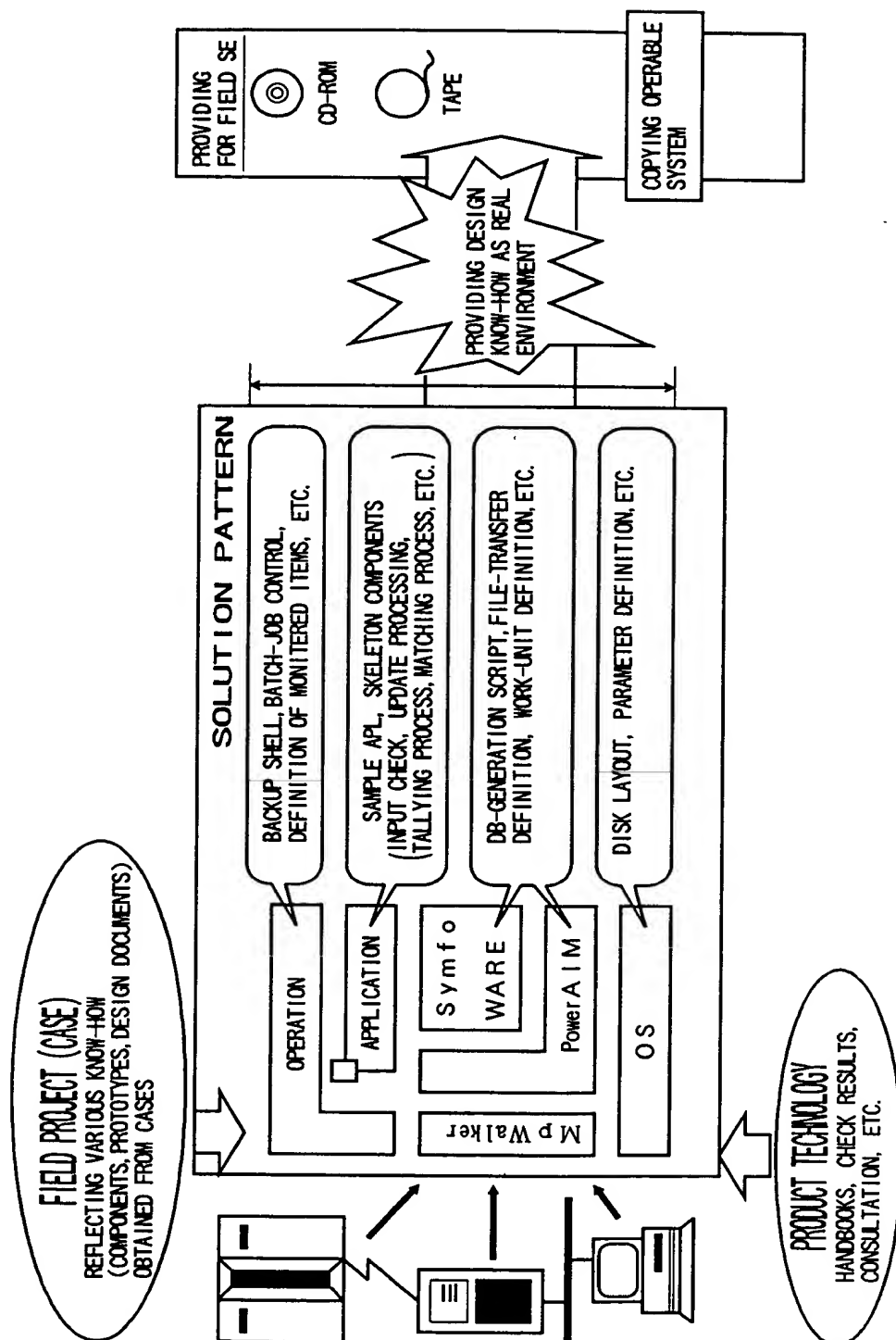
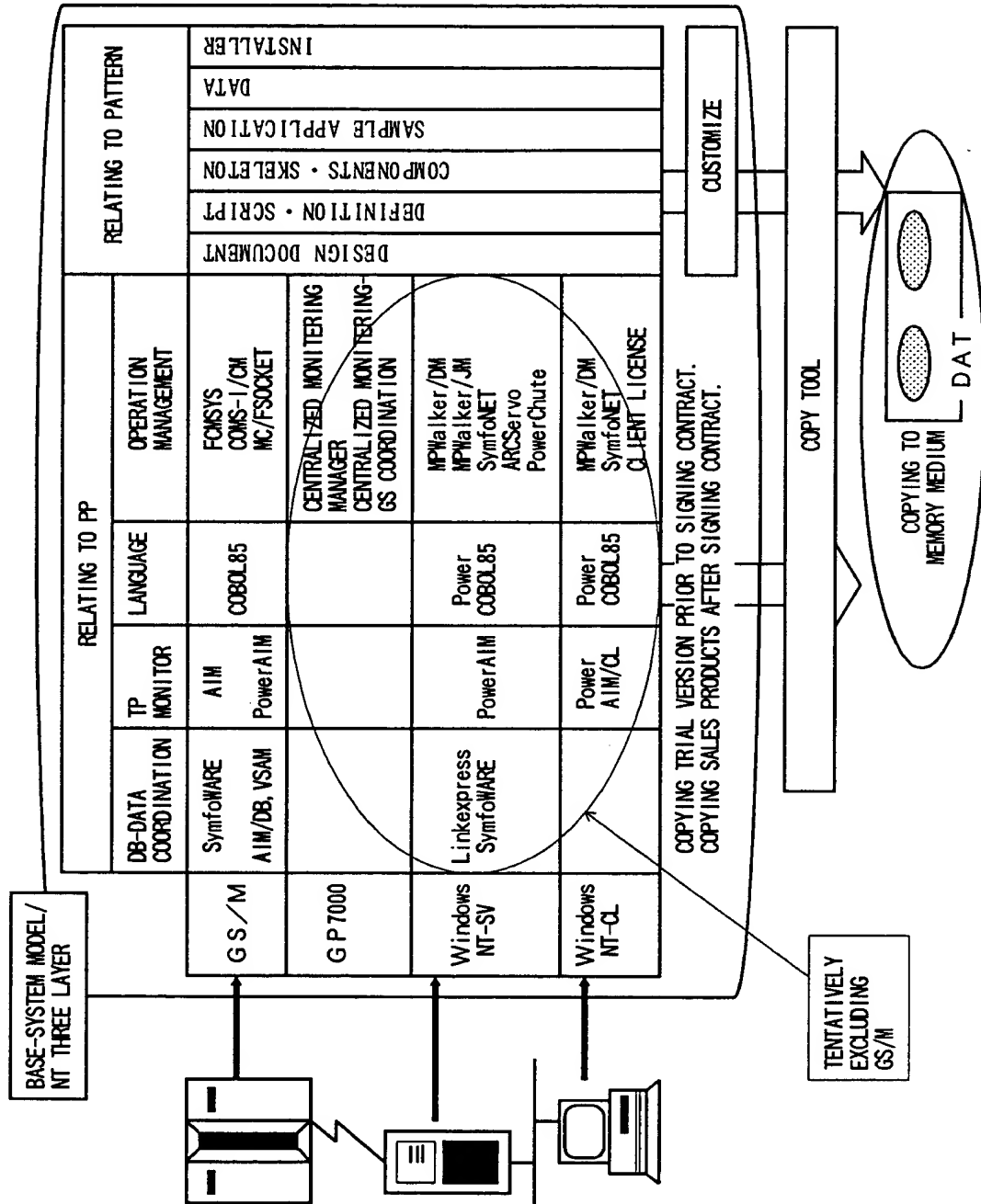
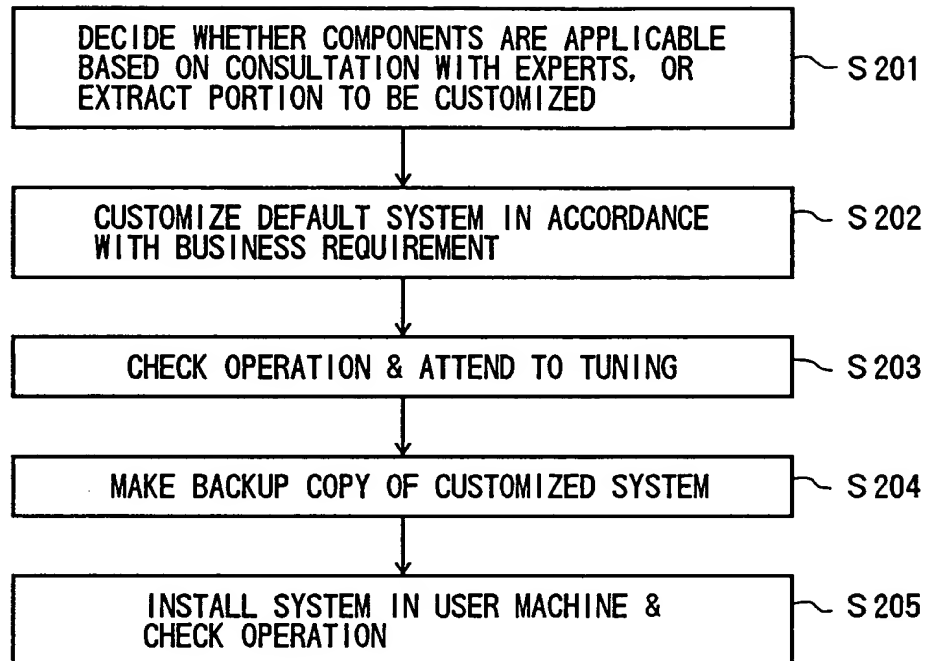


FIG. 8



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 9



Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
Population	1,000,000	1,050,000	1,100,000	1,150,000	1,200,000	1,250,000	1,300,000	1,350,000	1,400,000	1,450,000	1,500,000	1,550,000	1,600,000	1,650,000	1,700,000	1,750,000	1,800,000	1,850,000	1,900,000	1,950,000	2,000,000	2,050,000	2,100,000	2,150,000	2,200,000	2,250,000	2,300,000	2,350,000	2,400,000	2,450,000	2,500,000	2,550,000	2,600,000	2,650,000	2,700,000	2,750,000	2,800,000	2,850,000	2,900,000	2,950,000	3,000,000	3,050,000	3,100,000	3,150,000	3,200,000	3,250,000	3,300,000	3,350,000	3,400,000	3,450,000	3,500,000	3,550,000	3,600,000	3,650,000	3,700,000	3,750,000	3,800,000	3,850,000	3,900,000	3,950,000	4,000,000	4,050,000	4,100,000	4,150,000	4,200,000	4,250,000	4,300,000	4,350,000	4,400,000	4,450,000	4,500,000	4,550,000	4,600,000	4,650,000	4,700,000	4,750,000	4,800,000	4,850,000	4,900,000	4,950,000	5,000,000	5,050,000	5,100,000	5,150,000	5,200,000	5,250,000	5,300,000	5,350,000	5,400,000	5,450,000	5,500,000	5,550,000	5,600,000	5,650,000	5,700,000	5,750,000	5,800,000	5,850,000	5,900,000	5,950,000	6,000,000	6,050,000	6,100,000	6,150,000	6,200,000	6,250,000	6,300,000	6,350,000	6,400,000	6,450,000	6,500,000	6,550,000	6,600,000	6,650,000	6,700,000	6,750,000	6,800,000	6,850,000	6,900,000	6,950,000	7,000,000	7,050,000	7,100,000	7,150,000	7,200,000	7,250,000	7,300,000	7,350,000	7,400,000	7,450,000	7,500,000	7,550,000	7,600,000	7,650,000	7,700,000	7,750,000	7,80																																																																

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FIG. 10

THREE-LAYER BASE-SYSTEM MODEL/GS-NT-PC PATTERN SUPPLY DOCUMENT LIST & SAMPLES									
LIST OF ELEMENTS									
COMMON	TYPE OF ELEMENTS		AVAILABLE	PARTIALLY CUSTOMIZED	SAMPLE	DOCUMENT ID	NO. OF PAGES	WHAT IT IS ABOUT	
	SYSTEM SUMMARY							CONFIGURATION OF THE ENTIRE SYSTEM /DATA	
DATA SPECIFICATION			O		OW/KNOW-HOW	MNTDYSK1	2	DATA	
FUNCTION × 6	SYSTEM-FUNCTION SPECIFICATION		O			MNTDYSK1	3	BASIC/COMMON PROCESS OF THE SYSTEM, ONLINE PROCESS, BATCH PROCESS, DATA COORDINATION, GENERAL GUIDANCE, ERROR PROCESS, FILE DESIGN, DESIGN OF CHARACTER CODES.	
SPECIFICATION					OW/KNOW-HOW	MNTDYPY1	1	NUMBER OF TRANSACTIONS, RESPONSE REQUIREMENT, THROUGHPUT DESIGN	
CONCEPTUAL-DATA MODEL					O	MNTDYER1	1	DATA	
DESIGN DOCUMENT									
COMMON	TYPE OF DESIGN DOCUMENT					DOCUMENT ID	NO. OF PAGES	WHAT IT IS ABOUT	
	SYSTEM-RELATED CONTRACT							P ADDRESS (MESSAGE OF SAMPLE CODING)	
			O			MNTDGH1	2	HARDWARE OF THE SYSTEM, HOST, SERVER, CLIENT, AND NETWORK	
						MNTDGH1	1	H4, H1 HOST, HG SERVER PC CLIENT	
						MNTDSS1	1	SOFTWARE OF HOST, SERVER, CLIENT	
SUMMARY OF JOINT MANUFACTURE			O			MNTDSS1	1	SH HOST, SS SERVER, SC CLIENT	
MAINTENANCE DESIGN DOCUMENT			O			MNTDSCM1	2	GENERATION PROCESS	
DESIGN DOCUMENT									
FUNCTION × 6	DESIGN PLAN FOR PROCESSING SCHEME		O		O	MNTDSHE1	6	DESCRIPTION OF KEY PROCESSES IN EACH FUNCTION	
	SYSTEM FLOWCHART							DESCRIPTION OF SYSTEM FLOW (INPUT/OUTPUT FILE, PROCESSING PROGRAM, LINKS BETWEEN SYSTEMS)	
PROCESS-DESIGN DOCUMENT						MNTDSF1	1		
COMPONENT-DESIGN DOCUMENT			O			MNTDSFS1	8	DESCRIPTION AND DRAWINGS OF PROCESS/PROGRAM/HANDLING OF COMPONENTS	
COMPONENT-PROGRAM-TEST DESIGN DOCUMENT			O			MNTDSS1	4	DESCRIPTION OF COMPONENT INTERFACE	
REPORT ON FUNCTION EVALUATION			O			MNTDSST1		WARRANTY OF COMPONENTS, COMPONENT-PROGRAM TEST, TEST ITEMS, TEST CASES, TEST DATA, TEST PROCEDURE	
DATA-ITEM DEFINITION			O			MNTDSBT1	1 0	DESCRIPTION OF FUNCTIONAL MODEL	
CODE DEFINITION						MNTDSDD1	1	DATA ITEMS	
LOGIC-FILE DESIGN DOCUMENT						MNTDCCD1	1		
PHYSICAL-FILE DESIGN DOCUMENT			O			MNTDSLF1	2	LAYOUT OF APPLICATION FILE & DB FILE	
								SCHEMATIC ILLUSTRATION OF TH FILE, PAGE SIZE, DATABASE, VOLUME	
DB-DD DESIGN DOCUMENT			O			MNTDCE1	2 2	DESCRIPTION OF ENVIRONMENT AND LIST	
DISPLAY-FUNCTION DOCUMENT					O	MNTDCCS1	4	DESCRIPTION OF ITEM DEFINITIONS (FOLLOWING HARD COPY OF FIGURES)	
PROCESS-FILE MATRIX						MNTDSPTM	1	COORDINATION OF FUNCTION-DATA FILES	
DB-CC APPLICATION-INTERFACE DESIGN DOCUMENT			O			MNTDCA11	3	DCA IS CREATED ONLY WITH RESPECT TO REFERENCE MODEL	
DC-MESSAGE DESIGN DOCUMENT					OW/KNOW-HOW	MNTDSMS2	3		

FIG. 11

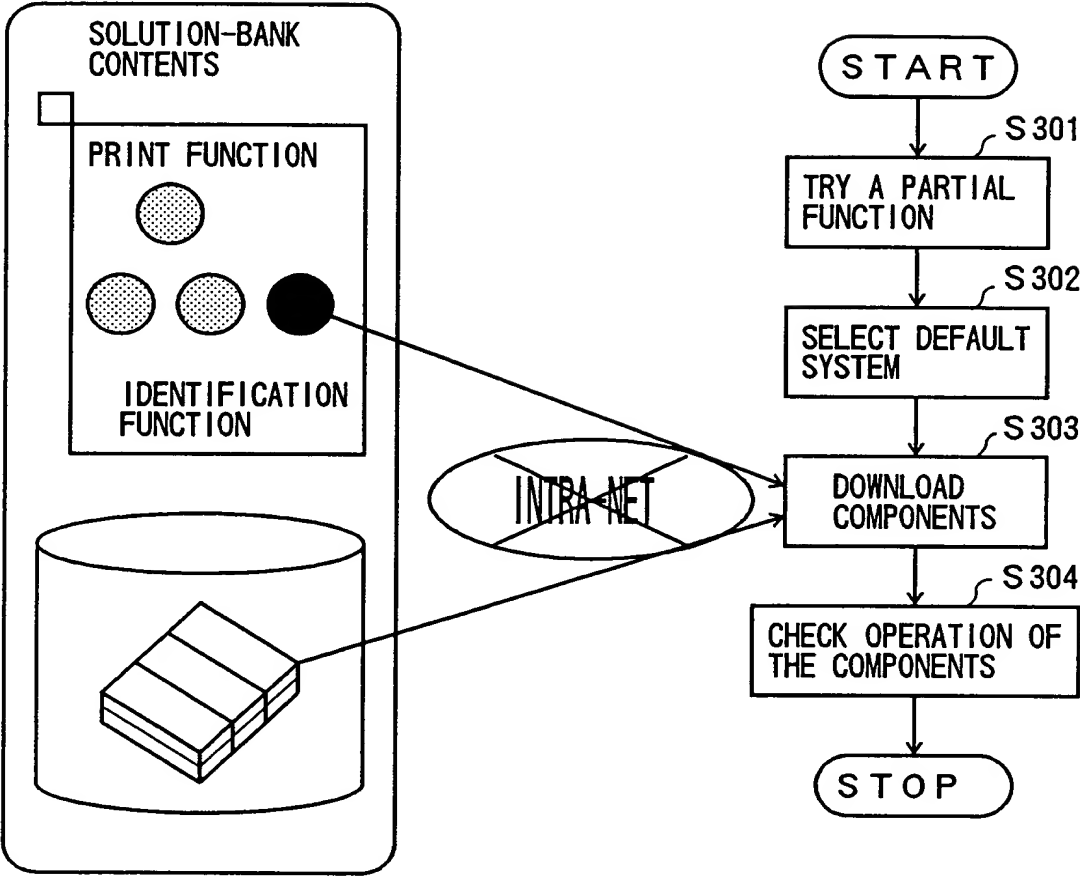


FIG. 12

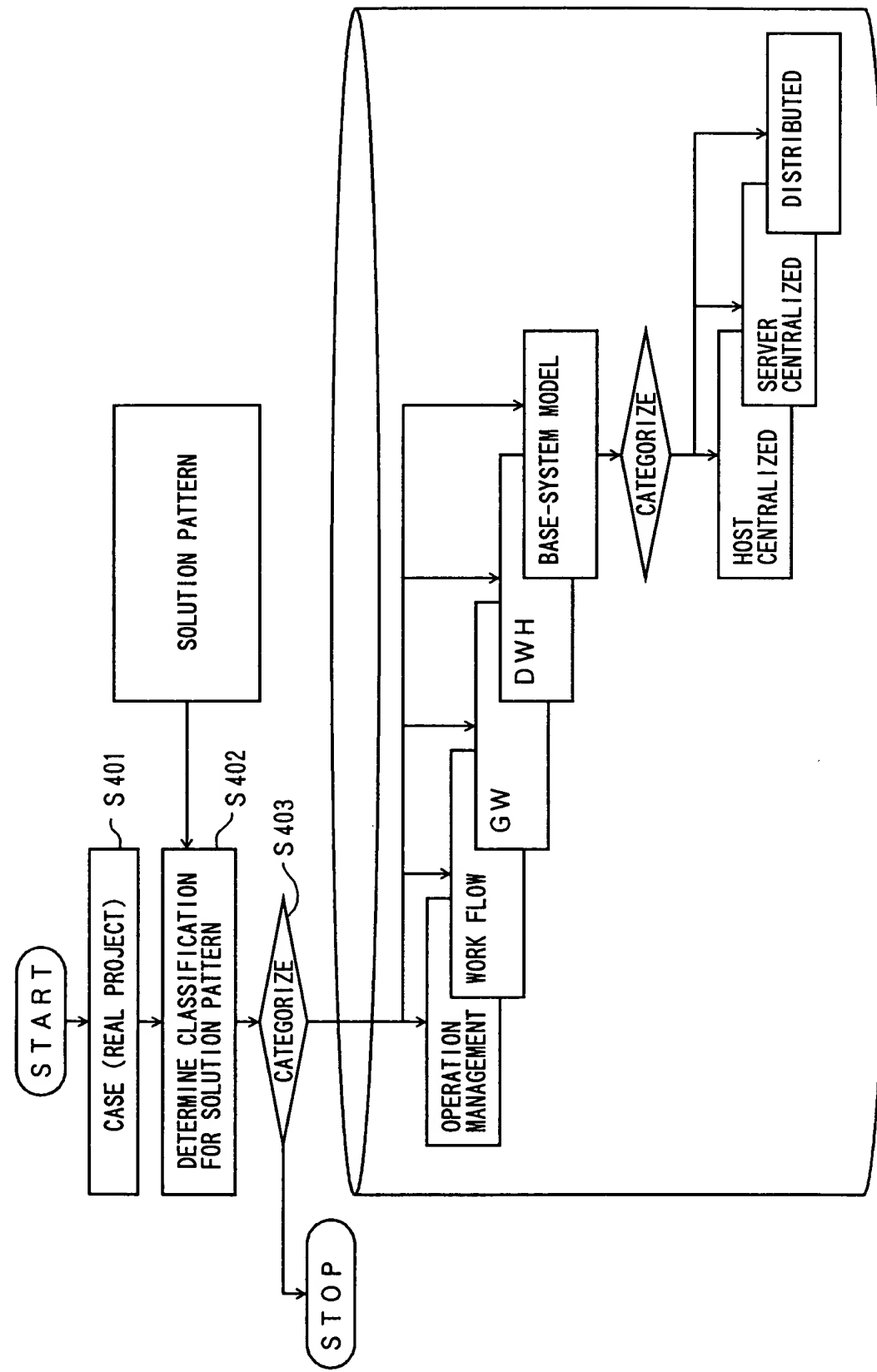


FIG. 13

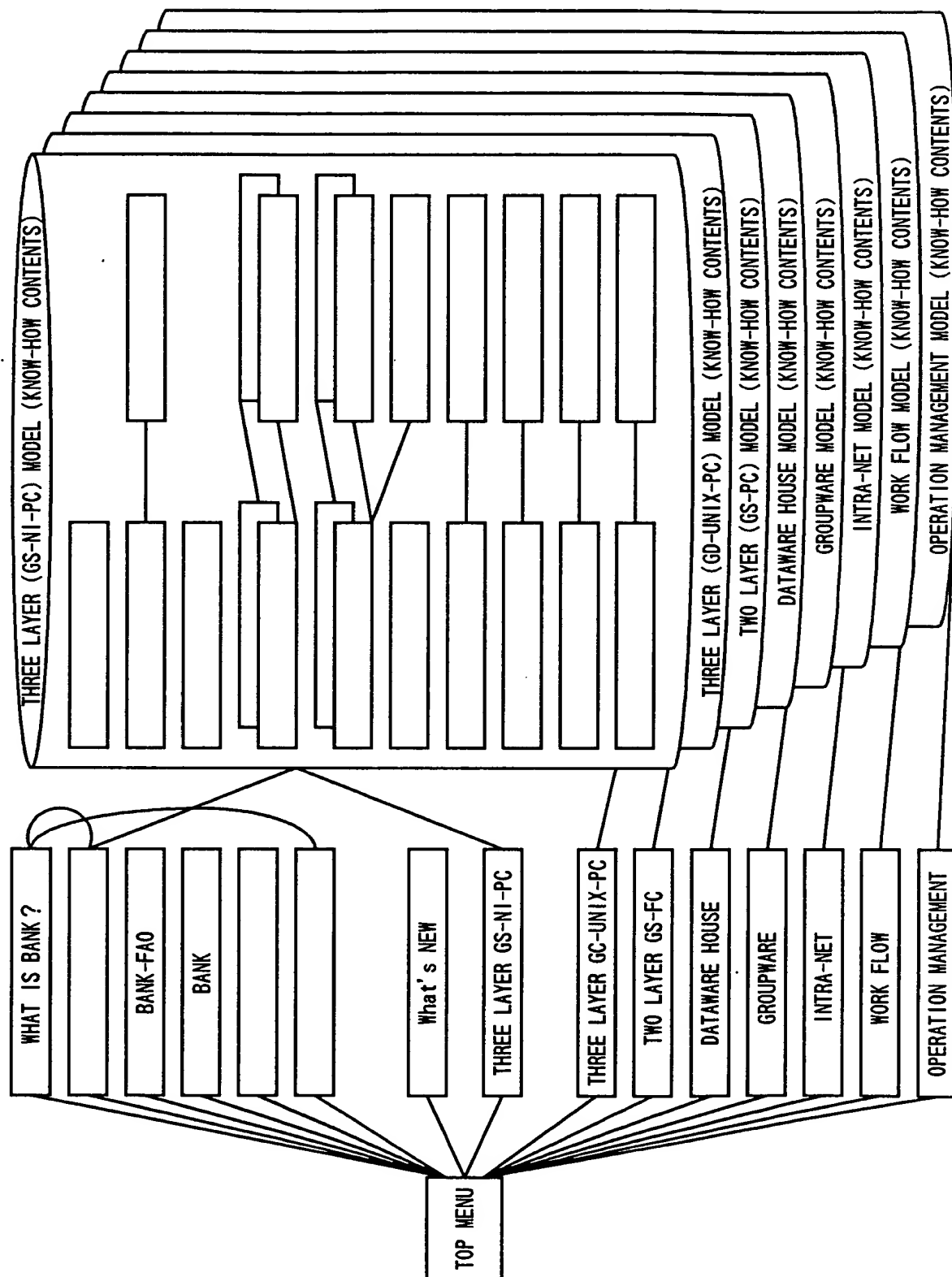
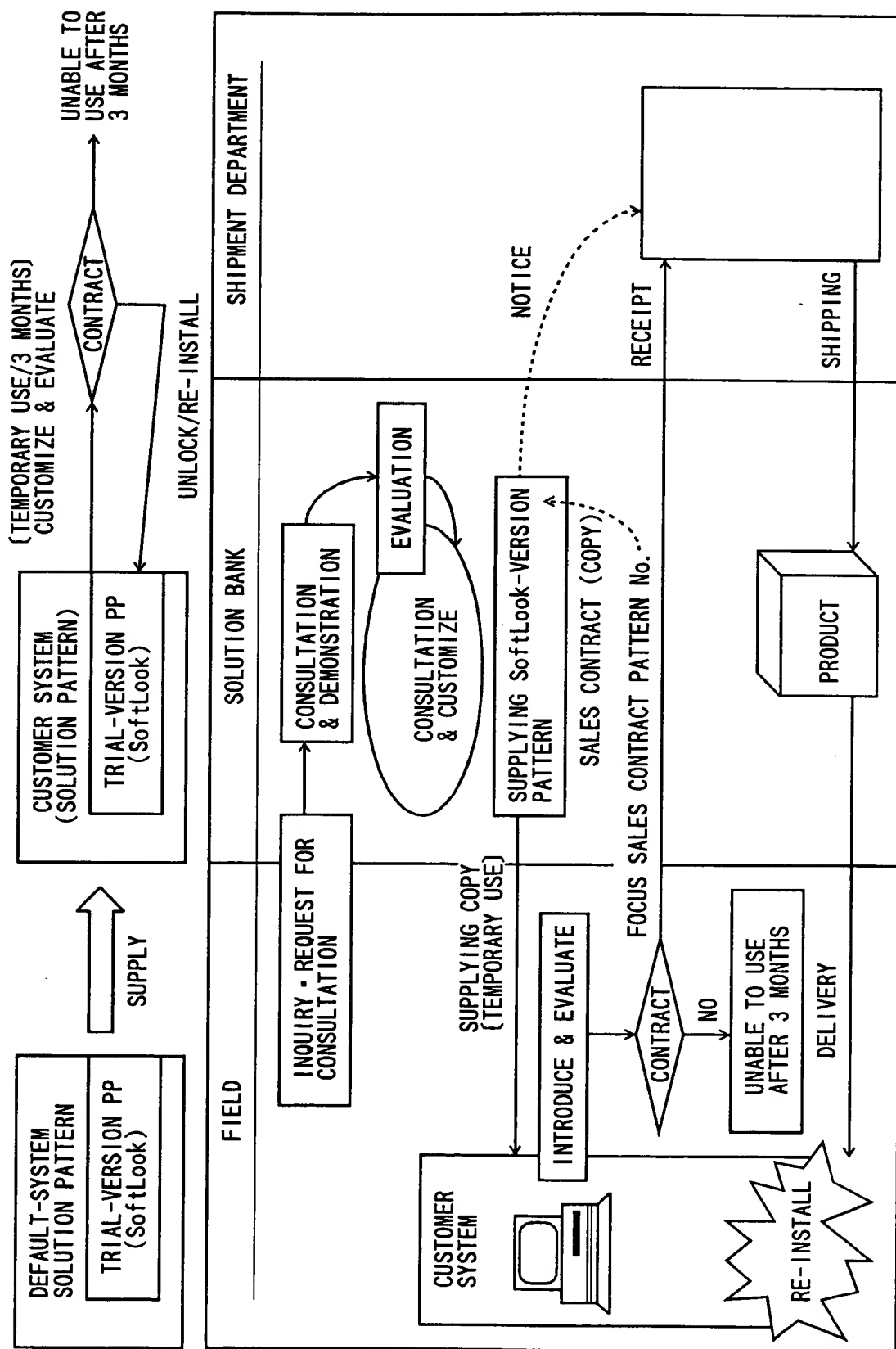


FIG. 14



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FIG. 15

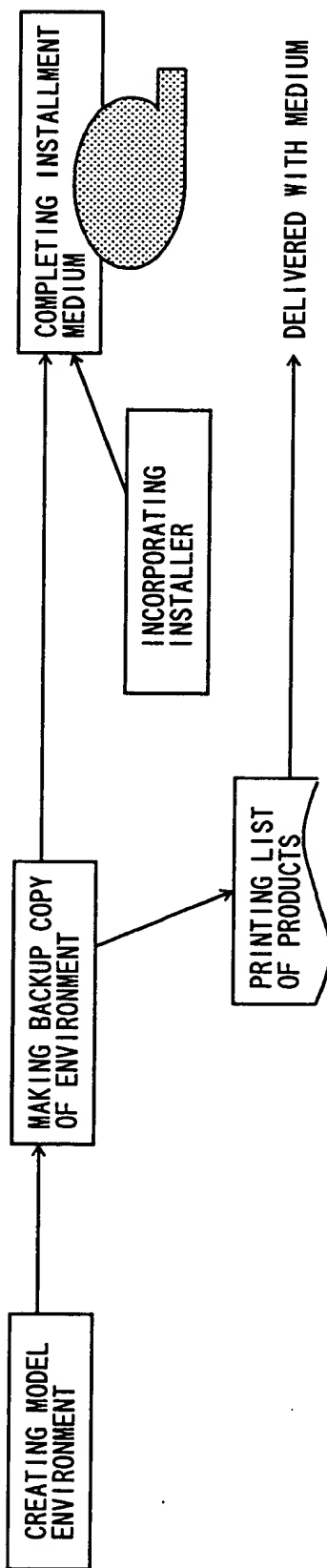
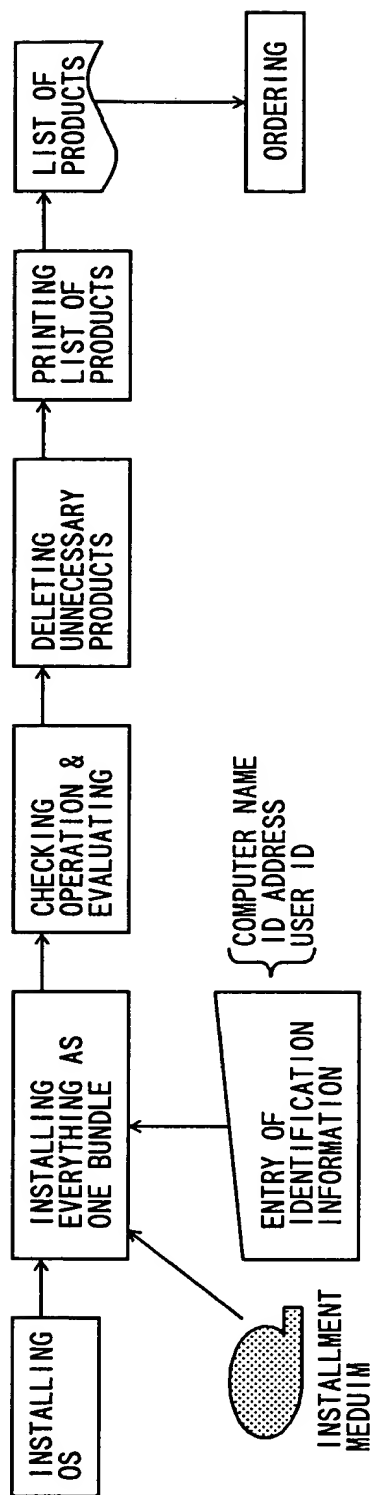


FIG. 16



The diagram illustrates the architecture of a server and a PC client, and the process of selecting a solution pattern.

SERVER ARCHITECTURE:

- OS
- PowerA IM
- Symfo WARE
- Mp Walker
- APPLICATION
- OPERATION

PC CLIENT ARCHITECTURE:

- OS
- PowerA IM
- Symfo WARE
- Mp Walker
- APPLICATION
- OPERATION

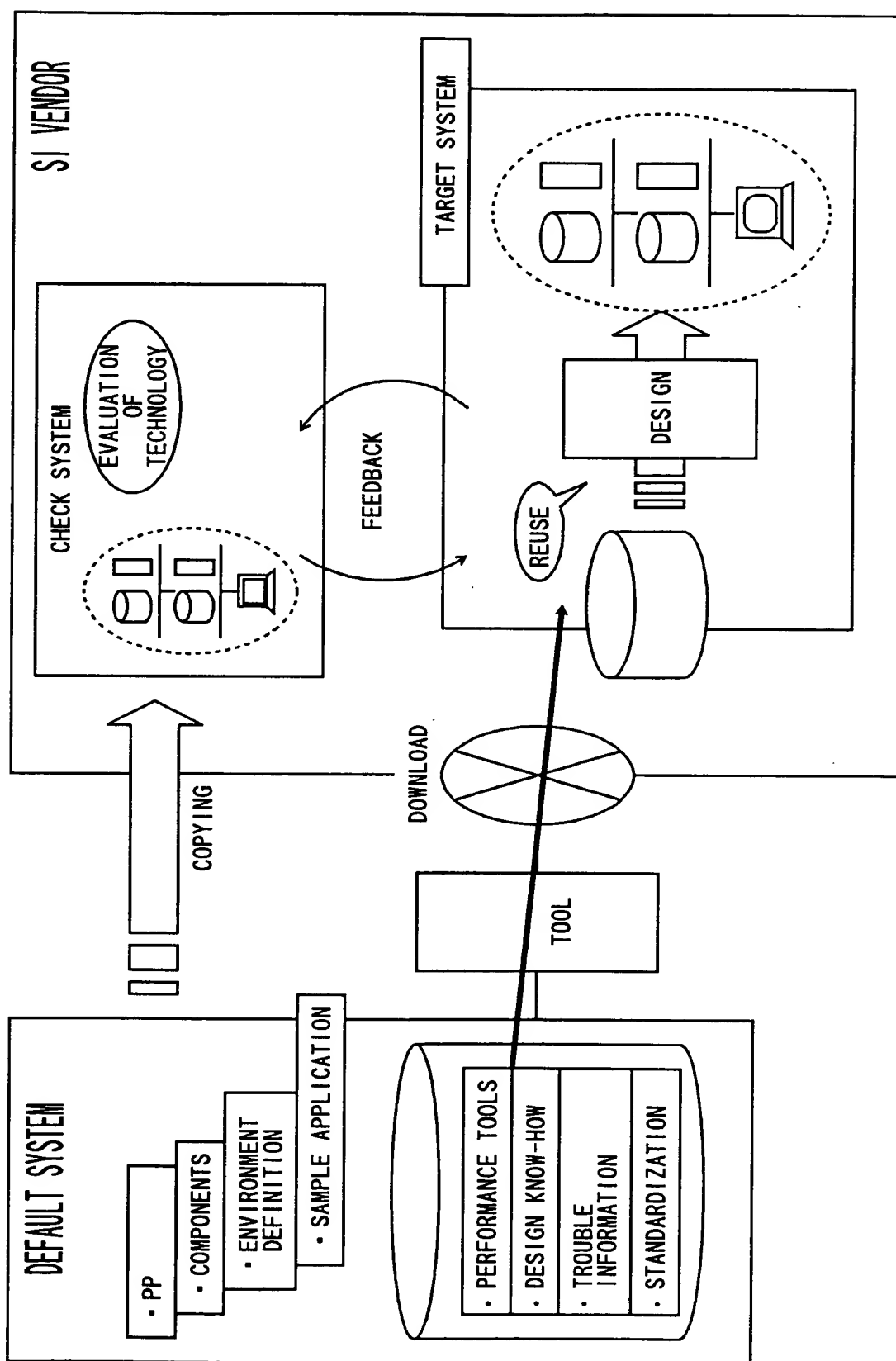
SOLUTION PATTERN SELECTION PROCESS:

- START
- SELECT SOLUTION PATTERN
- ORDERING THE WHOLE PATTERN
- HAND-CARRYING MEDIUM
- OPERATING INSTALLER
- CHECKING OPERATION
- STOP

Arrows indicate the flow of data and control between the components and the steps.

3637 22 2200 1253

FIG. 18



[illegible]

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FIG. 20

SOLUTIONBANK

THE FOLLOWING PATTERN IS FOUND.
TO OBTAIN NECESSARY INFORMATION, REFER TO RELEVANT ITEM.

BASE-SYSTEM THREE-LAYER GS-GP5000 PATTERN

APPLICATION ENVIRONMENT	PLANNING	DEVELOPMENT SCENARIO		AVAILABLE
		ILLUSTRATIVE DESCRIPTION	-----	AVAILABLE
APPLICATION ENVIRONMENT	DESIGN - CONSTRUCTION	CASE		AVAILABLE
		DESIGN DOCUMENT	-----	AVAILABLE
		COMPONENTS/SAMPLES	-----	AVAILABLE
		SOFTWARE DESCRIPTION		TO BE RELEASED
PROGRAMMING ENVIRONMENT	KNOW-HOW	DESIGN KIT		AVAILABLE
		APPLICATION GUIDE		AVAILABLE
		ILLUSTRATIVE DESCRIPTION		AVAILABLE
		DEFINITION		TO BE RELEASED
		DESIGN DOCUMENT		TO BE RELEASED

①

②

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NEXT

HELP

Base-System-Tri-Hierarchical-Level GS-GP5000 Pattern

This pattern is created by identifying areas of responsibilities and allocating servers to accommodate the following conditions.

Conditions—Heavy Load on Current Host

- Business needs unique to each department are strong, and there are frequent changes and added work load.
- Many entries are related to businesses unique to each department, and response requirements are strict.
- Sufficient amount of personnel can be assigned to each department. Recovery requirements are not so demanding with regard to departmentalized businesses.
- When a business is singled out, coordination between the host and the business is allowed to have some delay.
- Masters subjected to company-wide references can be distributed. An application running at a department level is not allowed to update the host database.
- Identification of areas of responsibility and departmentalization of businesses are subject to review. Use of C/S-type tools such as PC-4GL enhances speed of development.

Since the response requirements are strict and a coordination is required only to a limited extent between the host and servers, servers are allocated to respective departments.

Illustration by Drawings

Previous

A guides is displayed with respect to a pertinent pattern, showing conditions to which the pattern is applicable.

NAME	V / L	NUMBER OF LICENSES	TYPE CODE	PRICE	TOTAL
WindowsNT Server	V4.0 SP3	1	B1234567	¥50,000	¥50,000
SymfoWARE Server for WindowsNT	V1.1L10	1	B3154323	¥500,000	¥500,000
MpWALKER/DM	V2.0L10	1	B1111111	¥20,000	¥20,000
MpWALKER/JM	V2.0L10	1	B5555555	¥20,000	¥20,000
ARCserve	V6.0L10	3	C2222222	¥100,000	¥300,000
PowerAIM	V11L10	3	B9876542	¥100,000	¥300,000
WindowsNT WorkStation	V4.0 SP3	3	A1111111	¥100,000	¥300,000
PowerCOBOL85 Pro.	V3.0L20	3	C2255522	¥100,000	¥300,000
PowerGEM Plus	V4.0L10A	3	C7777777	¥50,000	¥150,000
TOTAL					¥1,940,000